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OTS 61-11403
PL-480

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QL728 194, 205
RIN 42

Avdeeva, A. B., Sokolovskii, A. L., and
Tziganova, P. A.
CORROSION STABILITY OF METALS IN SUGAR AND
CARAMEL SIRUPS. [1963] 6p.
Order from OTS or SLA \$1.10 63-16349

Trans. of Khlebopekarskaya i Konditer[skaya]
Promyshlennost' (USSR) 1957, v. 1, no. 4, p. 12-14.

DESCRIPTORS: *Corrosion, Metals, *Carbohydrates,
Liquids, Acids, Lactic acid, Citric acids, *Steel,
*Chromium alloys, *Nickel alloys, *Carbon alloys,
*Aluminum, *Copper, Iron, Bakery products.

An investigation was made of the corrosion stability of
metals used in the pastry industry. The resistance to
corrosion was determined by the loss in weight suffered
by test specimens of different metals after their ex-
posure to corroding agents for a predetermined period
of time. Sugar and caramel sirups were used as
(Food, TT, v. 10, no. 5) (over)

63-16349

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II. Sokolovskii, A. L.
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Office of Technical Services

Nazarova, G. A., Pushkin, A. T., and
Sokolovskiy, A. L.
ROASTING OF COCOA BEANS BY A RADIATION
METHOD (Termicheskaya Obrabotka Bobov Kakao
Radiatsionnym Sposobom). Feb 61 [14]p. 2 refs.
RTS 1755.
Order from LC or SLA ml\$2.40, ph\$3.30 61-19108

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- I. Cocoa--Processing
- I. Nazarova, G. A.
- II. Pushkin, A. T.
- III. Sokolovskiy, A. L.
- IV. RTS-1755
- V. Department of Scientific
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(Ct. Brit.)

10065.2

Office of Technical Services

(Food, TT, v. 5, no. 12)

New Apparatus for the Direct Determination of
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The Influence of the Gamma-Irradiation of Wheat Flour
On Its Quality, On the Elastic-Flexible-Sticky
Properties of Gluten Proteins, on Doughs, and also
on the Quality of the Bread, by B. A. Nikolayev,
S. S. Shkadina, 6 pp.

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9210/43

OTS TT-63-23462
AKIS-Barwell-2r-990

Sci - Encl Sci

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Aug 63

CEA-tr-R-1424 Uncl.

EFFET DE L'IRRADIATION γ SUR LA QUALITE DE LA
FARINE DE BLE, SUR L'ELASTICITE ET LA TENACITE
DES PROTEINES DU GLUTEN ET DE LA PATE, AINSI QUE
SUR LA QUALITE DU PAIN. (Effects of γ
Irradiation on the Quality of Wheat Flour, on
the Elasticity and Tenacity of the Gluten in
the Dough, as well as the Quality of the Bread).
B. A. Nikolaev (Nikolaiev) and S. S. Chkadina.
Translated into French from Khlebopekar i
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Radiobiology; Radiation Effects; Translations

MC-48

C-48 NP NSA

N-5

Dep.(mc); \$1.10(fs), \$0.80(mf)
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ID 2204056666

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522, Vsesoiuznyi Nauchno-Issledovatel'skii Institut
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Scientific - Biology

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Apr 72

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P.O.no.: 70-T-3 285-169
Title: Prozhachnyi led
Author: Bobkov, V.A.
Source: Kholodil'naya Promyshlennost' 15(3), 1937, p.15-20
Language: Russian
Special instructions: Please translate and type 1 copy

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Order from GPO: \$1.00 62-24779

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~~Moscow, 1950~~

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Sci - Engr;
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BASES OF A METHOD OF EVALUATING SUBLIMA-
TION CONDENSERS (Osnovy Metoda Rascheta Sub-
limatsionnykh Kondensatorov) June 61 [11]p. 7 refs.
RTS 1770.

Order from OTS or SLA \$1.60

61-23091

Trans. of Kholodil'naya Tekhnika (USSR) 1958 [v. 35]
no. 2, p. 20-26.

DESCRIPTORS: *Steam condensers, Condensation,
Vacuum apparatus, *Sublimation, Freezing, Ice, Water
vapor, Design, Tests, *Laboratory equipment.

Condensation of vapor into solid state under vacuum (at
pressures below the triple point) is characterized by a
mobile condensate boundary, i.e., continuous growth
of the solid condensate film on the surface. The vapor
is directly transformed into a solid, by-passing the
fluid state. Henceforth we will call those vessels in
which this process takes place sublimation condensers.
(Engineering--Chemical, TT, v. 6, no. 4) (over)

61-23091

I. Shumskiy, K.
II. RTS-1770
III. Department of Scientific
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Yu. Olenev

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LIU Tr Bul Nov 1959

Sci - Chem
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Production of Refrigerating Plant in the USSR, by
I. Geller. UNCL

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LIU Tr Bul Aug 1959

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CSIRO 4490

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Badyl'kes, I.

SIMILARITY CRITERIA OF THE THERMODYNAMIC
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Order from ATS \$9.00

ATS-02Q71R

Trans. of Khokhli'n[aya] Tekhnika (USSR) 1959,
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DESCRIPTORS: *Refrigerants, *Thermodynamics.

(Engineering--Mechanical, TT, v. 10, no. 9)

63-22150

I. Title: Similarity
criteria

I. Badyl'kes, I.

II. ATS-02Q71R

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FTD-TT-62-524

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Jun 60

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*Enthalpy and heat capacity of several candy products.
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*RUSSIAN, Kholodil'naya tekhnika, Vol 36, No 5, 1959,
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*Enthalpy, *Entropy, Determination.

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DESCRIPTORS: *Frozen food, *Fishes, Preservation,
Storage, *Freezing, *Adenosine phosphates, Enzymes.

Laboratory tests showed that subfreezing more than
doubles the storage life of the fish. Two experimental
deliveries of subfrozen cod (60-80 tons) were made
during the summer, under practical conditions: (a) with-
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